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# DESBOROUGH URBAN DISTRICT COUNCIL

\*



## ANNUAL REPORT

of the

Medical Officer of Health

For the Year 1959

\*

J. V. DYER, M.B., M.R.C.S., D.P.H.



## Desborough Urban District Council

Chairman of the Council: H. W. TAILBY, ESQ., J.P.

Vice-Chairman:

H. G. GOODMAN, ESQ.

#### Public Health Committee:

F. C. DRAPER, ESQ. (Chairman)

P. C. BLISSETT, ESQ.

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C. CHAMPION, ESQ. B. G. FOSTER, ESQ.

H. W. TAILBY, ESQ., J.P.

D. A. MARLOW, ESQ.

Clerk of the Council: G. GREAVES, ESQ.

#### HEALTH DEPARTMENT STAFF

Medical Officer of Health:

\*J. CARROLL, M.B., B.Ch., B.A.O., L.M., D.P.H., D.C.H. (Resigned 16th July, 1959)

\*J. V. DYER, M.B., B.S., L.R.C.P., M.R.C.S., D.P.H. (Appointed 28th September, 1959)

Secretary:

MISS M. W. LANGLEY

Public Health Inspector and Surveyor:
J. HOLDSWORTH, M.R.S.H., M.P.H.I.A., Cert. Meat and Foods, R.S.H.

Pupil Public Health Inspector:

K. Broom

\*Also holds the appointment of Medical Officer of Health for:—
Burton Latimer, Corby and Rothwell Urban Districts and Kettering
Rural District.

Assistant County Medical Officer and School Medical Officer.

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Public Health Department, 75 London Road, KETTERING. May, 1960.

Telephone: Kettering 2473

To the Chairman and Members of the Desborough Urban District Council.

MR. CHAIRMAN, MRS. GROOCOCK AND GENTLEMEN,

I beg to present to you my Annual Report on the Health and Sanitary Circumstances of the Urban District of Desborough in respect of the year ending 31st December, 1959.

I assumed my appointment as your Medical Officer of Health in September, 1959, succeeding Dr. James Carroll who had held the post for the previous four years.

The form of the report and the matters dealt with are in accordance with the wishes of the Ministry of Health.

The Registrar General's mid-year estimate of the population for 1959 is 4,880, 30 lower than the previous mid-year estimate. There were 15 fewer births than in 1958, giving a crude birth rate of 9.43 per 1,000 population. Deaths totalled 59, over half being due to diseases of the heart and circulatory system. There were no Still Births, Infant Deaths or deaths from maternal causes.

Sections C, D. and E of the report have been submitted by your Public Health Inspector. The total weight of meat and offal condemned is almost one ton less than in 1958, and more important, the quantity affected with tuberculosis is just about half that of the previous year.

The incidence of infectious diseases remained low—14 (16 in 1958); 8 of these were due to scarlet fever, and 6 to measles. The acceptance rate of Poliomyelitis vaccination is good. A quarter of the population had received at least two doses by the end of the year.

Dr. C. M. Smith, County Medical Officer of Health very kindly supplied me with the figures relating to immunisation and vaccination.

I wish to express my thanks to Mr. Holdsworth for his help and cooperation; and to Members of the Public Health Committee for the support and encouragement given to the officers of the Health Department during the year.

In conclusion, I must record my appreciation to Miss Langley for her able assistance in compiling this report.

I have the honour to be,

Your obedient Servant,

JOHN V. DYER, Medical Officer of Health.

#### **SUMMARY OF VITAL STATISTICS**

Comparative Statistics for the Five Year Period 1955 to 1959

|   | 1955   | 1956  | 1957  | 1958  | 1959  |
|---|--------|-------|-------|-------|-------|
| Area of the Urban District (acres)                    | 2,400  | 2,400 | 2,400 | 2,400 | 2,400 |
| Population (Registrar General's                       |        |       |       |       |       |
| Estimate)   | 4,940  | 4,940 | 4,940 | 4,910 | 4,880 |
| Number of Live Births                                 | 46     | 68    | 65    | 61    | 46    |
| Legitimate  | 45     | 66    | 64    | 61    | 45    |
| Illegitimate  | 1      | 2     | 1     | _     | 1     |
| Birth rate per 1,000 population                       | 9.31   | 13.77 | 13.16 | 12.42 | 9.43  |
| Number of Still Births                                | 2      | 3     | 2     | 1     |       |
| Legitimate  | 2      | 3     | 2     | 1     |       |
| Illegitimate  |        | _     | _     |       | _     |
| Still Birth Rate per 1,000 total                      | 41.67  | 42.25 | 20.05 | 16.12 |       |
| births  | 41.67  | 42.25 | 29.85 | 16.13 | _     |
| Still Birth Rate per 1,000 population                 | 0.40   | 0.61  | 0.40  | 0.20  | _     |
| Number of Deaths                                      | 66     | 48    | 65    | 52    | 59    |
| Death rate per 1,000 population                       | 13.36  | 9.72  | 13.16 | 10.59 | 12.09 |
|   | 13.30  | 9.12  | 15.10 | 10.59 | 12.09 |
| Deaths from Pregnancy, Child-birth and Abortion       | _      | _     | _     | _     | _     |
| Number of Infant Deaths                               | 1      | 4     | _     | 1     | _     |
| Infantile Mortality rate per 1,000                    |        |       |       |       |       |
| live births   | 21.74  | 58.82 | _     | 16.39 | _     |
| Neonatal Mortality rate per 1,000                     | 01 771 | 00.40 |       | 14.00 |       |
| live births   | 21.74  | 29.42 | _     | 16.39 | _     |
| Deaths from all forms of Tuber-                       | 1      |       | 1     | 1     |       |
| culosis  Deaths from Respiratory Tuber-               | 1      |       | 1     | 1     | _     |
| culosis   | 1      | _     | _     | 1     | _     |
| Deaths from Malignant Neoplasms                       | 10     | 9     | 20    | 16    | 12    |
| Deaths from Measles (all ages)                        |        | _     | _     | _     |       |
| Deaths from Whooping Cough                            |        |       |       |       |       |
| (all ages)  | _      | _     | _     | _     | _     |
| Deaths from Enteritis and Diarr-                      |        |       |       |       |       |
| hoea under two years of age                           | _      | _     | _     | _     | _     |
| Deaths from Acute Poliomyelitis and Polioencephalitis |        |       |       |       |       |
| and i onocheephantis                                  |        |       |       |       |       |

#### SECTION A

#### General Statistics of the Area

| Area (acres)      | •••     | •••      | •••     | •••     | •••   | •••   | 2,400   |
|-------------------|---------|----------|---------|---------|-------|-------|---------|
| Population (Censu | us 1951 | )        | • • •   | •••     | •••   | • • • | 4,676   |
| Population (Regis | trar Ge | neral's  | Estimat | e 1959) | • • • | •••   | 4,880   |
| Number of inhabi  | ted hou | ses (19. | 51)     | •••     | •••   | •••   | 1,563   |
| Number of inhabi  | ted hou | ses (19  | 59)     | •••     | •••   | •••   | 1,678   |
| Rateable Value    | •••     | • • •    | •••     | •••     | •••   | •••   | £52,845 |
| Sum represented   | by Penr | ny Rate  |         | •••     | •••   | •••   | £209    |

## Social Conditions Including Chief Occupation of the Inhabitants

The social conditions of the District are very satisfactory and there is virtually full employment. Farming, ironstone quarrying and factory work are the chief occupations. The largest firms are concerned in the production of footwear, corset manufacture, manufacture of cardboard boxes and rigid containers.

### EXTRACTS FROM VITAL STATISTICS, 1959

| Extracto From Vine Office                        | 31103, 1 |         |       |
|--|----------|---------|-------|
| LIVE BIRTHS                                      | Males    | Females | Total |
| Legitimate                                       | 25       | 20      | 45    |
| Illegitimate                                     | 1        | _       | 1     |
|  |          |         |       |
| Totals   | 26       | 20      | 46    |
| C 1 D' 1 D 1000 ' 1 1                            |          |         |       |
| Crude Birth Rate per 1,000 estimated populat     |          | •••     | 9.43  |
| Adjusted Birth Rate (comparability factor 1.0    | 5)       | •••     | 9.90  |
| STILL BIRTHS                                     | Males    | Females | Total |
| Legitimate                                       |          | _       | _     |
| Illegitimate                                     | _        | _       | _     |
| Totals   |          |         |       |
| Totals   |          |         |       |
| Rate per 1,000 total births (live and still)     |          |         | _     |
|  | Males    | Females | Total |
| Number registered all serves                     |          |         |       |
| Number registered all causes                     | 32       | 27      | 59    |
| Crude Death Rate per 1,000 estimated popula      |          | •••     | 12.09 |
| Adjusted Death Rate (comparability factor 0.9    | 94)      | •••     | 11.36 |
| DEATHS FROM CERTAIN SPECIFIED CAUSES             | Males    | Females | Total |
| Cardio-vascular disease (all forms)              | 13       | 6       | 19    |
| Malignant neoplasms (all forms)                  | 7        | 5       | 12    |
| Accidents and violence                           | 1        | 2       | 3     |
| Respiratory Tuberculosis                         |          | _       | _     |
| DEATHS FROM MATERNAL CAUSES                      | _        | _       | _     |
| Maternal Mortality Rate per 1,000 total births   | s        | •••     |       |
| DEATHS OF INFANTS (under 1 year)                 | Males    | Females | Total |
| ,  | _        | _       | _     |
| Infant Mortality Rate per 1,000 live births      | •••      | •••     |       |
| Legitimate Infants per 1,000 legitimate live bi  | irths    | •••     | _     |
| Illegitimate Infants per 1,000 illegitimate live | births   | •••     | _     |
| DEATHS OF INFANTS (under 4 weeks)                | Males    | Females | Total |
| Delitio of Million (ander 1 weeks)               | _        |         |       |
| Neonatal Mortality Rate per 1,000 live births    | •••      | •••     |       |

### CLASSIFICATION OF CAUSES OF DEATH DURING 1959

|     |   | Males | Females | Total |
|-----|---|-------|---------|-------|
| 1.  | Tuberculosis, respiratory               | _     | _       | _     |
| 2.  | Tuberculosis, other                     |       | _       | _     |
| 3.  | Syphilitic disease                      | _     | _       | _     |
| 4.  | Diphtheria                              | _     | _       | _     |
| 5.  | Whooping Cough                          | _     | _       | _     |
| 6.  | Meningococcal infections                | _     | _       | _     |
| 7.  | Acute Poliomyelitis                     | _     | _       | _     |
| 8.  | Measles                                 | _     | _       | _     |
| 9.  | Other inefective and parasitic diseases | _     | _       | _     |
| 10. | Malignant neoplasm, stomach             | _     | 2       | 2     |
| 11. | Malignant neoplasm, lung, bronchus      | 4     | _       | 4     |
| 12. | Malignant neoplasm, breast              | _     | _       | _     |
| 13. | Malignant neoplasm, uterus              | _     | _       | _     |
| 14. | Other malignant and lymphatic neo-      |       |         |       |
|     | plasms                                  | 3     | 3       | 6     |
| 15. | Leukaemia, aleukaemia                   |       | _       | _     |
| 16. | Diabetes                                | _     | _       | _     |
| 17. | Vascular lesions of nervous system      | 3     | 9       | 12    |
| 18. | Coronary disease, angina                | 9     | 4       | 13    |
| 19. | Hypertension with heart disease         | _     | _       | _     |
| 20. | Other heart disease                     | 4     | 2       | 6     |
| 21. | Other circulatory disease               | 1     | 1       | 2     |
| 22. | Influenza                               | _     | _       | _     |
| 23. | Pneumonia                               | 1     | 1       | 2     |
| 24. | Bronchitis                              | _     | _       | _     |
| 25. | Other diseases of respiratory system    | 1     | _       | 1     |
| 26. | Ulcer of stomach and duodenum           | 1     | _       | 1     |
| 27. | Gastritis, enteritis and diarrhoea      | _     | _       | _     |
| 28. | Nephritis and nephrosis                 | 1     | _       | 1     |
| 29. | Hyperplasia of prostate                 | 2     | _       | 2     |
| 30. | Pregnancy, childbirth, abortion         | _     | _       | _     |
| 31. | Congenital malformations                | _     | _       | _     |
| 32  | Other defined and ill-defined diseases  | 1     | 3       | 4     |
| 33. | Motor vehicle accidents                 | 1     | 1       | 2     |
| 34. | All other accidents                     | _     | 1       | 1     |
| 35. | Suicide                                 | _     | _       | _     |
| 36. | Homicide and operations of war          | _     | _       | _     |
|     | Totals                                  | 32    | 27      | 59    |
|     |   |       |         |       |

#### COMMENTS ON VITAL STATISTICS

- 1. POPULATION.—The Registrar General's estimate of the population at mid-year 1959 was 4,880, 204 more than the 1951 census figure of 4,676. As the natural increase, (i.e. excess of births over deaths) from 1st January, 1951 to 31st December, 1959 is only 23, the remainder must be attributed to an influx of new residents. It is of interest to note that the 1851 census gave the population of Desborough as 1,350.
- 2. BIRTHS.—In 1959 there were 46 registered live births, a fall of 15 from the previous year, giving a crude birth rate of 9.43 per 1,000 population. On multiplying this rate by the Comparability Factor 1.05, issued by the Registrar General, we have the adjusted birth rate of 9.9 which may be compared with the provisional crude rate for England and Wales, which is 16.5 per 1,000 population.
- 3. DEATHS.—The total number of deaths from all causes in 1959 was 59, 7 more than in 1958, giving a crude death rate of 12.09 per 1,000 population. A Comparability Factor is issued, 0.94, giving an adjusted death rate of 11.36 per 1,000 population. This rate is that, which it is assumed, would be arrived at if the age and sex distribution of the population of Desborough was the same as that of England and Wales. It is actually very close to the provisional death rate for 1959 of 11.6 per 1,000 population for England and Wales.

Cancer, Coronary Heart Disease and Vascular Lesions of the Nervous System each caused about 20 per cent of the deaths.

It is pleasing to report that no still births were recorded during the year—the first clear year since 1944, and no infant deaths. Once again, no mother was lost due to maternal causes; the last time this tragedy happened being twenty years ago—1939.

#### SECTION B

#### General Provision of Health Services

In subsequent sections, full details will be found relating to infectious diseases and environmental health within the Urban District, for which services the Council are directly responsible.

The present section is related to those health services which concern more the personal health and welfare of the individual rather than public health and the community. The Health Committee of the Northamptonshire County Council is responsible for the administration of many of these services under Part III of the 1946 National Health Service Act.

LABORATORY FACILITIES.—The Public Health Laboratory, North-ampton and the Department of Pathology at Kettering General Hospital are available for the examination of specimens in connection with the diagnosis and control of infectious diseases.

AMBULANCE SERVICE.—This is one of the services for which the County Council is responsible. The St. John Ambulance Brigade perform this function on behalf of the County Council for all patients excepting those suffering from infectious diseases.

DOMICILIARY SERVICES.—These include District Nurses, Midwives and Health Visitors, who are all highly trained, qualified nurses on the staff of the County Medical Officer. The Home Help Service, also provided by the County Council, is proving more and more valuable in relieving people of domestic worries during periods of illness or confinement, and in helping old folks to remain in their own homes, so that they can retain their treasured independence.

CHILD WELFARE CENTRE.—A clinic is held on the second and fourth Wednesdays in every month at the Clinic, 39 Station Road. A Medical Officer attends one of these sessions.

IMMUNISATION AND VACCINATION.—Immunisation against diphtheria, whooping cough and poliomyelitis and vaccination against small-pox are free services, available either from the family doctor or at the County Child Welfare Clinics. Certain age groups of children can also be given B.C.G. vaccination to protect against Tuberculosis; this is done through the School Health Service.

#### TREATMENT CENTRES AND CLINICS .-

- (a) Tuberculosis-Market Street, Kettering.
- (b) Venereal Diseases—St. Mary's Hospital, Kettering.

Clinics are held weekly and treatment is provided by the Oxford Regional Hospital Board.

NATIONAL ASSISTANCE ACT, 1948, SECTION 47.—No action was taken during the year.

#### Report by

#### J. HOLDSWORTH

M.R.S.H., M.P.H.I.A., Cert. Meat and Foods, R.S.I. Surveyor and Public Health Inspector

I have the honour to submit my report for the year 1959.

#### SECTION C

#### Sanitary Circumstances of the Area

WATER SUPPLY.—The Mid-Northamptonshire Water Board has maintained a good supply of water both in quantity and quality throughout the year.

Bacteriological examinations of the supply were made by the Board weekly, and results were very satisfactory.

DRAINAGE AND SEWERAGE.—The installation of new sludge beds and pumping machinery is now completed.

REFUSE COLLECTION.—A weekly collection is made by a Karrier vehicle throughout the area. Refuse is tipped into a disused iron-stone quarry, where there is ample capacity for many years.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.—The house refuse tip and the sewage works have been treated during the year at intervals. Both sites have been kept free of rats.

FACTORIES ACT, 1937.—There are 18 factories in the District, and 34 routine inspections were made during the year. The number of outworkers living in Desborough in August 1959 was 31, all engaged in the making of wearing apparel.

Prescribed particulars on the administration of the Factories Act, 1937 are to be found at the end of the Report.

#### SECTION D

#### Public Health and Housing Acts

HOUSING.—6 houses were completed during 1959 by private enterprise. The Council had 17, and private enterprise 4 in the course of construction at the end of the year.

Three one-bedroomed bungalows have been built for old people. These are already occupied. The Council have plans for the erection of more in the next few years.

PUBLIC HEALTH AND HOUSING ACTS.—Works under these Acts for the purpose of rectifying defects and abating nuisances has been continued throughout the year and the following tables give details of the routine work carried out.

| (1)   | Inspection of dwelling houses:—                      |      |
|-------|--|------|
|       | 1. (a) No. of houses inspected for defects           | 174  |
|       | (b) Inspections made for the purpose                 | 174  |
|       | 2. (a) No. of houses inspected and recorded          |      |
|       | under the Housing Consolidation Regula-              |      |
|       | tions  | 28   |
|       | (b) Inspections made for the purpose                 | 56   |
|       | 3. No. of houses found to be in a state dangerous or |      |
|       | injurious to health so as to be unfit for human      |      |
|       | habitation   | _    |
|       | 4. Dwelling houses (exclusive of those under pre-    |      |
|       | ceding head) not in all respects reasonably fit for  |      |
|       | human habitation                                     | _    |
| (2)   | Remedy of defects during the year without service    |      |
|       | of formal notice :—                                  |      |
|       | No. of defective dwellings rendered fit in conse-    |      |
|       | quence of informal action by the Local Authority or  | 17.4 |
|       | their Officers                                       | 174  |
| (3)   | Action under Statutory Powers : —                    |      |
|       | Proceedings under Housing Act, 1959:—                |      |
|       | 1. No. of houses in respect of which notices were    |      |
|       | served requiring repairs                             |      |
|       | 2. No. of dwelling houses which were rendered        |      |
|       | fit by owners or the Local Authority after service   |      |
|       | of formal notice                                     | _    |
| (4)   | Housing Programme:—                                  |      |
| ( ' ) | (a) 1. No. of houses demolished                      | 1    |
|       | 2. No. of houses empty awaiting demolition           | 15   |
|       | 3. No. of houses awaiting action at 31st Dec-        | 13   |
|       | ember, 1959  | 21   |
|       | 2.11001, 1727  | 21   |

| (b)  | Pre | oceedings under Public Acts:—  |    |
|------|-----|--|----|
| . ,  | 1.  | No. of dwellings in respect of which   |    |
|      |     | notices were served requiring repairs  |    |
|      | 2.  |  |    |
|      |     | defects were remedied after serving notices  | _  |
| (c)  | Pro | oceedings under Housing Act, 1936:—  |    |
|      | 1.  | No. of dwelling houses in respect of which   |    |
|      |     | demolition orders were made  |    |
|      | 2.  | the state of the s |    |
|      |     | demolition orders  | 1  |
|      | 3.  | No. of houses closed in pursuance of an  |    |
|      |     | undertaking given by owners and still in   |    |
|      | _   | force  | _  |
| (d)  |     | nt Act, 1957 : —   |    |
|      | 1.  | No. of certificates applied for  | _  |
|      | 2.  | The second of th |    |
|      |     | certificates   | _  |
|      | 3.  |  |    |
|      | 4.  |  |    |
| Hous | ing | Repairs and Rents Acts:—   |    |
|      | 1.  | Title of applications for amplications   |    |
|      |     | grants during the year   | 23 |
|      | 2.  | No. of applications approved during the  |    |
|      |     | year   | 23 |
|      |     | No. of houses improved during the year   | 13 |
|      | 4.  | Total number of houses improved  | 30 |

SANITARY INSPECTIONS OF THE AREA.—During the year 174 complaints relative to dwelling houses were investigated. Informal action was taken in each case. The nuisances referred mainly to minor housing structural defects and drainage.

In addition to the foregoing, 632 complaints were received from tenants of Council houses relative to defects. In each case appropriate action was taken.

MORTUARY FACILITIES.—A small mortuary is available for use when required, but was not needed during the year.

#### SECTION E

#### Inspection and Supervision of Food

MILK AND DAIRIES GENERAL REGULATIONS, 1958.—There are four dairies registered under the above regulations. All are kept in a satisfactory condition.

MEAT.—There are three slaughterhouses in the area, from one of which a wholesale business is carried out. All are kept in a satisfactory condition.

A table follows setting out the number of animals killed, the number inspected and the number affected with disease. The total weight of meat and offal condemned, as a result of inspection, was 3 tons 12 cwts 3 qrs 24 lbs. and of that, 1 ton 7 cwts 3 qrs 15 lbs. were affected with Tuberculosis.

## CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART

|                                    | Cattle       |       |        | Sheep an | nd    |        |
|------------------------------------|--------------|-------|--------|----------|-------|--------|
|                                    | excluding    | Corvs | Calves | Lambs    |       | Total  |
| Number killed                      | Cows         |       |        |          |       |        |
| `                                  | . 1101       | 1     | 1      | 4988     |       |        |
| Number inspected                   |              | 1     | 1      | 4988     | 2055  | 8146   |
| All diseases except T              |              |       |        |          |       |        |
| Whole carcases con                 | -            |       |        |          |       |        |
| demned                             | . —          |       |        |          | -     |        |
| Carcases of which                  |              |       |        |          |       |        |
| some part or organ                 |              |       |        | 1.0.5    | 72    | 52.5   |
| was condemned                      |              | 1     | _      | 185      | 72    | 535    |
| Percentage of the number inspected |              |       |        |          |       |        |
| affected with dis                  |              |       |        |          |       |        |
| ease other than                    |              |       |        |          |       |        |
| T.B                                |              | 100%  |        | 3.71%    | 3.53% | 6.56%  |
| Tuberculosis only                  |              |       |        |          |       |        |
| Whole carcases con                 | -            |       |        |          |       |        |
| demned                             | . 1          |       |        |          | +     | 2      |
| Carcases of which                  | h            |       |        |          | ·     |        |
| some part or organ                 |              |       |        |          |       |        |
| was condemned                      |              | _     | _      |          | 39    | 98     |
| Percentage of th                   |              |       |        |          |       |        |
| number inspected affected with Tub |              |       |        |          |       |        |
|                                    | -<br>. 5.45% |       |        |          | 1 04% | 1.22%  |
| Cysticercosis                      | . 7.77/0     |       |        |          | 1.94% | 1,22/6 |
| Cysticercosis                      |              |       |        | _        |       |        |

OTHER FOODSTUFFS CONDEMNED.—68 lbs.

FISH FRYING.—The three fish frying establishments were kept in a satisfactory state throughout the year.

BAKEHOUSE.—There is only one bakehouse in the town. It has been kept in a clean condition.

ICE CREAM—HEAT TREATMENT REGULATIONS 1947-52.—There are no licensed manufacturers of ice cream in the Urban Area. All ice cream sold in the area is prepacked. The number of registrations for the sale of ice cream is 10.

CLEAN FOOD CAMPAIGN.—Notices are continued to be displayed in all food shops requesting shoppers, in the interests of hygiene, not to bring dogs into the premises. These notices appear to be serving their purpose.

FOOD HYGIENE REGULATIONS 1955-56.—There are 32 foodshops in the area, made up as follows:—

- 17 Grocery
  - 6 Butchers
  - 3 Confectionery
  - 3 Greengrocers
  - 3 Fishfriers

In conclusion, I would like to put on record, my thanks for the continued help and support of the Chairman and Members of the Public Health Committee.

#### SECTION F

#### Prevalence of, and Control over Infectious Diseases

Notifications of infectious diseases, other than Tuberculosis, totalled 14 in 1959. There were 16 in the previous year. It is characteristic of measles that it becomes more prevalent in alternate years. 1955 and 1957 were "measles years" in Desborough, so that theoretically, 1959 should have shown an epidemic. This did not take place, and one is to be anticipated in 1960.

Of the 14 notifications, six were measles and eight were scarlet fever. In 1958 the figures were one and fifteen respectively.

DIPHTHERIA AND WHOOPING COUGH.—No cases of these two more serious diseases have been reported for several years. Throughout the country, whooping cough notifications are falling each year, no doubt due to immunisation. A vaccine is now in general use which protects against diphtheria, tetanus and whooping cough simultaneously. The young mothers of today do not realise the danger of diphtheria, but localised outbreaks still occur sporadically in this country. Despite the growing number of other immunisation and vaccination procedures, it is just as important now as it was 20 years ago that efforts be continued to ensure a high level of immunisation against diphtheria.

#### DIPHTHERIA IMMUNISATION

The number of children who were immunised in 1959 is as follows:—

| Under 5 years   | of age | :     | • • • | <br>      | 2  |
|-----------------|--------|-------|-------|-----------|----|
| 5 to 15 years o | of age | • • • | • • • | <br>• • • | 1  |
|                 |        |       |       |           |    |
|                 |        |       |       | Total     | 3  |
|                 |        |       |       |           |    |
| Boosters .      |        |       |       | <br>      | 10 |

The number of children who have completed a full course of Diphtheria Immunisation at any time up to 31st December, 1959 is as follows:—

| Age at 31.12.59   | Under 1 | 1     | 2           | 3        | 4    |
|-------------------|---------|-------|-------------|----------|------|
| i.e. Born in Year | 1959    | 1958  | 1957        | 1956     | 1955 |
| No. Immunised     | 14      | 47    | 53          | 49       | 37   |
| i.e. Born in Year | 1950-54 | 1945- | <b>-</b> 49 | Under 15 |      |
| Age at 31.12.59   | 5–9     | 10-1  | 14          | Total    |      |
| No. Immunised     | 262     | 21    | 0           | 672      |      |

The number of inoculations carried out using Combined Diphtheria/Pertussis Vaccine were as follows:—

| $U_1$                         | nder 1 | 1-4 | 5-14 | Total | Boosters |
|-------------------------------|--------|-----|------|-------|----------|
| Combined Diphtheria/Pertussis | 50     | 7   | _    | 57    | 5        |
| Whooping Cough only           | 1      | 1   | _    | 2     | _        |

POLIOMYELITIS.—No cases of acute poliomyelitis occurred.

The following table gives the number of vaccinations undertaken during the year:—

#### POLIOMYELITIS VACCINATION

Under 1 1-4 5-9 10-14 Total Third Inj's 15 or over Third Inj's

0-14 15 or over

- 76 50 56 182 419 309 243

Thus from the table it can be seen that 662 inhabitants had, by the end of 1959, received their three vaccinations, and a further 491 had received two.

SMALLPOX.—The following table gives the number of vaccinations undertaken during the year:—

#### SMALLPOX VACCINATION

|                |     | U     | Inder 1 | 1-4 | 5-14 | 15 or over | Total |
|----------------|-----|-------|---------|-----|------|------------|-------|
| Primary        | ••• | • • • | 23      | _   | 3    | 4          | 30    |
| Re-vaccination |     | •••   | _       | _   | _    | 7          | 7     |

#### Tuberculosis

Two cases of Respiratory Tuberculosis and one of Non-Respiratory Tuberculosis were notified during the year. There were no deaths from this disease, and two names were removed from the Register as cured.

The table shows the number of known cases of Tuberculosis in the Urban District as at 31st December, 1959.

| Tuberculosis    | Males | Females | Total |
|-----------------|-------|---------|-------|
| Respiratory     | 8     | 7       | 15    |
| Non-respiratory | 0     | 1       | 1     |
| Total           | 8     | 8       | 16    |

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.—These regulations empower the Council to prevent persons suffering from tuberculosis to engage in the milk trade. No action was taken during the year.

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1959

|               |      |      |           |      |     |      |      |      |                 | ı    |      |           |       |
|---------------|------|------|-----------|------|-----|------|------|------|-----------------|------|------|-----------|-------|
| Discase       | Jan. | Feb. | Feb. Mar. | Apr. | May | June | July | Aug. | Aug. Sept. Oct. | Oct. | Nov. | Nov. Dec. | Total |
| Measles       | I    | 1    | 1         | 3    |     | 1    | 2    | ı    | 1               |      |      | -         | 9     |
| Scarlet Fever |      | -    | -         | ı    | ı   | 1    | 1    | I    | 3               |      |      | -         | 000   |
| TOTALS        | 1    |      | 1         | 6    | 1   | 1    | 3    | 1    | ω               | 1    |      | 2         | 14    |

AGE INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1959

|   | Age<br>Unknown                                     |         | 1             | 1           |  |
|---|--|---------|---------------|-------------|--|
|   | Deaths   | 1       |               | <br>   <br> |  |
|   | All Removed Deaths Age<br>Ages to Hospital Unknown |         | I             | 1           |  |
|   | All  | 9       | 8             | 14          |  |
|   | 2- 3- 4- 5- 10- 15- 20- 35- 45- 65+                | I       |               | ı           |  |
|   | 45-  |         | - 1           | 1           |  |
|   | 35-  |         | 1             | 1           |  |
|   | 20-  |         | 1             | 1           |  |
| I | 15-  | ı       | 1             | _           |  |
|   | 10-  | -       | -             | 1           |  |
|   | 5-   |         | 9             | 2 7         |  |
|   | 4-   | 7       | 1             | 7           |  |
|   | ۴.   | - 1     | 1             | 1           |  |
|   | 2-   | -       |               | 1           |  |
| ١ | -  | 2       | 1             | 2           |  |
|   | 0- 1-  | I       | 1             | 1           |  |
|   |  | i       | :             | :           |  |
|   | Disease  | Measles | Scarlet Fever | TOTALS      |  |

TUBERCULOSIS
NEW CASES AND MORTALITY DURING 1959

|           | IRATOR          | 표  | 1       | 1     | 1      | 1       | 1       | 1       | 1       | 1       |      |        |
|-----------|-----------------|----|---------|-------|--------|---------|---------|---------|---------|---------|------|--------|
| DEATHS    | Non-Respiratory | M. | 1       |       | 1      | .       | 1       |         | 1       |         | 1    | 1      |
| DEA       | RESPIRATORY     | ഥ  |         | 1     | 1      | 1       |         | 1       | İ       | 1       | 1    |        |
|           | RESI            | W. |         | ١     | 1      | 1       | 1       | 1       | 1       |         | 1    |        |
|           | PIRATORY        | 표. |         | 1     |        | 1       | 1       |         | -       | 1       |      | 1      |
| SASES     | Non-Respiratory | M. |         | 1     | I      | 1       | 1       | 1       | 1       | 1       | 1    | -      |
| NEW CASES | ATORY           | Н  | 1       | 1     | ı      | 1       | 1       | 1       | _       | 1       | 1    | 1      |
|           | RESPIRATORY     | M. | ŀ       | 1     | 1      | 1       | 1       | 1       | _       | 1       | 1    | 1      |
| AGE       | FERIODS         |    | Under 1 | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 34 | 35 - 44 | 45 - 54 | 55 - 64 | + 59 | TOTALS |

#### PART I OF THE ACT

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

|  | NTh                      | 1           | Number of |                         |  |  |  |  |
|--|--------------------------|-------------|-----------|-------------------------|--|--|--|--|
| Premises   | Number<br>on<br>Register | Inspections |           | Occupiers<br>Prosecuted |  |  |  |  |
| (1)  | (2)                      | (3)         | (4)       | (5)                     |  |  |  |  |
| <ul> <li>(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities</li> <li>(ii) Factories not included in (i) in which Section 7 is enforced by the Local Au-</li> </ul> | 18                       | 34          |           | _                       |  |  |  |  |
| thority  (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding   |                          | _           | _         | _                       |  |  |  |  |
| out-workers' premises)   |                          |             |           |                         |  |  |  |  |
| TOTAL  | 18                       | 34          |           |                         |  |  |  |  |

#### 2.—CASES IN WHICH DEFECTS WERE FOUND

|   | Nı    | Number of cases in which defects were found |                  |            |                                  |  |  |  |  |  |
|---|-------|---|------------------|------------|----------------------------------|--|--|--|--|--|
|   |       | Reme-                                       | Refer<br>To H.M. |            | of cases<br>in which<br>Prosecu- |  |  |  |  |  |
| Particulars   | Found |   | Inspec-          | Inspec-    | tions were                       |  |  |  |  |  |
| (1)   | (2)   | (3)   | tor<br>(4)       | tor<br>(5) | instituted<br>(6)                |  |  |  |  |  |
| Want of Cleanliness (S.1.)                                      |       |   | _                | _          |                                  |  |  |  |  |  |
| Overcrowding (S.2.)<br>Unreasonable                             |       | _   | _                | _          |                                  |  |  |  |  |  |
| temperature (S.3.)  |       |   | _                | _          |                                  |  |  |  |  |  |
| Inadequate ventilation (S.4.)<br>Ineffective drainage of floors |       |   | _                |            |                                  |  |  |  |  |  |
| (S.6.) Sanitary Conveniences (S.7.):                            | _     |   |                  | _          |                                  |  |  |  |  |  |
| (a) Insufficient  |       |   |                  | _          |                                  |  |  |  |  |  |
| (b) Unsuitable or defective                                     | 1     | 1   | _                | 1          |                                  |  |  |  |  |  |
| (c) Not separate for sexes<br>Other offences against the Act    | . —   | _   | _                | _          | _                                |  |  |  |  |  |
| (not including offences relating to Outwork)                    |       | _   |                  | _          |                                  |  |  |  |  |  |
| TOTAL   | . 1   | 1   | _                | 1          |                                  |  |  |  |  |  |

## PART VIII OF THE ACT OUTWORK (Sections 110 and 111)

|  | S   | ection 110  | )   | Se   | ection 11      | 1            |
|--|---|---|---|--|----------------|--------------|
| Nature of Work   | No. of out-workers in<br>August list required by<br>Section 110 (1) (c) | No. of cases of default<br>in sending lists to the<br>Council | No. of prosecutions for failure to supply lists | No. of instances of<br>work in unwholesome<br>premises | Notices served | Prosecutions |
| (1)  | (2)   | (3)   | (4)   | (5)  | (6)            | (7)          |
| Wearing Making, etc  | 31  | _   | _   | _  | _              | _            |
| apparel Cleaning and washing   | _   | _   | _   | _  |                | _            |
| Household linen  | _   | _   | _   | _  | _              | _            |
| Lace, lace curtains and nets<br>Curtains and furniture                         | _   | _   | _   | _  | _              | _            |
| hangings   | _   |   |   | _  | _              |              |
| Furniture and upholstery Electro-plate   |   |   |   | _  | _              |              |
| File making  | _   |   | _   | _  |                |              |
| Brass and brass articles   | _   | _   | _   | _  | _              | _            |
| Fur pulling  | . —   | _   | _   | _  | _              | _            |
| Iron and steel cables and chains   | _   | _   | _   | <del></del> .  | _              | _            |
| Iron and steel anchors and grapnels  | _   | _   | _   | _  | _              | _            |
| Cart gear  | _   | _   | _   |  | _              | _            |
| Locks, latches and keys  | _   | _   | _   | <del>_</del>   | _              | _            |
| Umbrellas, etc   | _   | _   | _   | _  | _              | _            |
| Artificial flowers   |   | _   | _   | _  | _              | _            |
| Nets, other than wire nets   | _   |   |   |  | _              |              |
| Tents Sacks  |   |   | _   | _  | _              | _            |
| Racquet and tennis balls   | _   | _   | _   | _  | _              | _            |
| Paper bags   | _   | _   | _   |  | _              | _            |
| The making of boxes or<br>other receptacles or parts<br>thereof made wholly or |   |   |   |  |                |              |
| partially of paper   | _   | _   | _   | _  |                | _            |
| Brush making   | _   | _   | _   |  |                |              |
| Pea picking Feather sorting  | _   |   |   | _  | _              |              |
| Carding, etc., of buttons, etc.  | _   | _   | _   | _  | _              | _            |
| Stuffed toys   | _   | _   | _   | _  | _              | _            |
| Basket making  | _   | _   | _   | -  | _              | _            |
| Chocolates and sweetmeats<br>Cosaques, Christmas<br>crackers, Christmas        |   | _   | _   | _  | _              |              |
| stockings, etc   | _   | _   | _   | _  | _              | _            |
| Textile weaving  | _   |   | _   |  |                |              |
| Lampshades   |   |   |   |  |                |              |
| TOTAL  | 31  | _   |   | _  |                |              |

